HOME

FPS

set sensor speed (0.750 - 200.000fps) 24.000fps
add/delete value

SDI
link to MENU > Monitoring > SDI

FPS INFO
lists maximal frame rates for sensor, codec and media

TC

view timecode
edit/reset/set to time

OPTIONS
Run mode (Rec run, Free run)
Mode (Regen, Preset)
Regen source (LTC in, Media) *set by menu*
Count mode (Non-Dropframe, Dropframe)
TC Offset (+/-100, 0)

PROJECT RATE
link to Menu > Recording > Project Settings

SHUTTER

set exposure time/shutter angle
add/delete value

SWITCH UNIT
change to shutter angle/exposure time display

EI

set exposure index (160 - 3200ASA; 800ASA)

IRIS
view current iris setting (LDS lens required)

OPTIONS
Auto iris mode (Center, Integral)
Auto iris offset (+/- 0/3-9/3 max; 0/3)

ND
set ND filter (ND –, ND 0.6, ND 1.2, ND 2.1)

LOOK

view look settings

EDIT (press wheel)
add/delete/duplicate/rename/export look file

SET GAMMA
Rec (Log C, Look)
SDI (Log C, Look)
EVF/Monitor (Log C, Look)

LOOK PARAMETER
detailed view of CDL and Video Look Parameter values, can be edited (only work on a copied look or use a custom look!)

WB

set white balance (2.000 - 11.000K; +/-16.0CC)
add/delete/rename values; press wheel to confirm

OPTIONS
Auto WB mode (Matrix, Center)
WB tracking (On, Off)

AW
press two times to trigger auto white balance (follow instructions on screen)

INFO & SYSTEM STATUS

i

view information on
- Version
- System
- Maximum FPS
- Card
- USB
- Network
- Lens
- User button

Export HW info file
Export logfiles
Export update logfiles
Export user manual

!

view camera status

MENU

RECORDING

Recording Codec (422 LT, 422, 422 HQ, 4444, 4444XQ, ARRIRAW)

Resolution (for ProRes: S16 HD, HD, HD Ana., 2K, 2.39:1 2K Ana., 3.2K, 4K UHD, 4:3 2.8K) for ARRIRAW: 2.8K, Open Gate 3.4K, 4:3 2.8K, 16:9 HD Ana., 2.39:1 2K Ana.)

PROJECT SETTINGS

- Project rate (23.976p, 24p, 25p, 29.97p, 30p, 48p, 50p, 59.94p, 60p, 50i, 59.94i, 60i)
- Next reel count (001- 999)
- Camera index (A-Z)
- Camera ID prefix (R/L)
- Lens squeeze factor (1.0,2.0) *only for anamorphic modes*

RECORD MODE

- Record mode (Normal, Interval, Stop Motion)
- Interval length (Xh XXm XX s)
- Burst length (1-2000 frames)
- Duration mode (Manual, Preset)
- Recording duration (XXh XXm XXs)
- Resulting clip length (Xh XXm XXs)
- Stop motion beeper (On, Off)

REC BEEPER/TALLY

- Rec start beeper (On, Off)
- Rec stop beeper (On, Off)
- Card full beeper (On, Off)
- Tally front (On, Off)

Prerecord max. duration (1-20s in HD, max. 7.6s in UHD)

AUDIO RECORDING

- Audio recording (On, Off)
- Channel 1/2 control (Manual, Manual (+L), Auto)
- Channel 1/2 gain (0dB to +30dB; 0dB)
- Channel 1/2 level *(level-meter shown)*
- Test tone (On, Off)

MEDIA

Erase CARD

Delete last clip

Prepare USB medium

MONITORING 1of2

EVF/MONITOR

- Surround view (On, Off)
- Zoom position (Top left/center/right, Mid left, Eye level, Mid center, Mid right, Bottom l/c/r)
- Anamorphic desqueeze (On, Off)

PEAKING

- Peaking mode (Color, Aperture)
- Peaking level (1-20; 5)
- Peaking offset shift (+/- 5; 0)
- Color (Red, Green, Blue, Cyan, Magenta, Yellow, Black, White)

SETTINGS

- EVF brightness (1-10; 6)
- Monitor brightness (1-10; 6)
- Monitor flip mode (Auto, Normal, Flipped)

EVF OVERLAYS

- Frame lines (On, Off)
- Center mark (Off, Dot, Small Dot, Cross)
- Surround mask (Black Line, Colored Line, 25%, 50%, 75% Mask)
- Status info (Off, Overlay, Safe)

STATUS COMPONENTS

- Info 1/2 (On, Off)
- Timecode (On, Off)
- Audio (On, Off)
- Lens data (On, Off)
- Lens focus distance (On, Off)

MONITOR OVERLAYS

- Frame lines (On, Off)
- Center mark (Off, Dot, Small Dot, Cross)
- Surround mask (Black Line, Colored Line, 25%, 50%, 75% Mask)
- Lens data (On, Off)

SDI

- SDI format (422 1.5G, 422 3G, 444 3G, 422 6G*UHD only)
- SDI framerate (23.976p, 24p, 25p, 29.97p, 30p, 50i, 59.94i, 60i, 23.976psf, 24psf, 25psf, 29.97psf, 30psf)
- Anamorphic desqueeze (On, Off)
- SDI 1 image (Clean, Processed)
- SDI 2 image (Clean, Processed)

SDI PROCESSING

- Surround view (On, Off)
- Exposure tool (On, Off)

PEAKING

- Peaking (On, Off)
- Peaking mode (Color, Aperture)
- Peaking level (1-20; 5)
- Peaking offset shift (+/- 5; 0)
- Color (Red, Green, Blue, Cyan, Magenta, Yellow, Black, White)

OVERLAYS

- Frame lines (On, Off)
- Center mark (Off, Dot, Small Dot, Cross)
- Surround mask (Black Line, Colored Line, 25%, 50%, 75% Mask)
- Status info (Off, Overlay, Safe)

STATUS COMPONENTS

see EVF/MONITOR > Status components

- Camera index letter (On, Off)

MONITORING 2of2

FRAME LINES

FRAME LINE

choose frame line

- Frame line color (Red, Green, Blue, Cyan, Magenta, Yellow, White)
- Frame line intensity (1-4; 3)
- User rectangles (Off, Rect 1, Rect 2, Rect 1+2)

USER RECTANGLE 1/2

- Width (0-999)
- Height (0-999)
- Offset left (0-999)
- Offset top (0-999)
- Reset all

EXPOSURE TOOLS

- Select EVF/Mon. exp. tool (Zebra, False Color)
- Select SDI exposure tool (Zebra, False Color)

ZEBRA SETUP

- Zebra mode (High, Mid, High+Mid)
- High zebra level (0-100%; 99%)
- High zebra color (Red, Green, Blue, Cyan, Magenta, Yellow, Black, White)
- Mid zebra level (0-100%; 54%)
- Mid zebra range (0-100%; 2%)
- Mid zebra color (Red, Green, Blue, Cyan, Magenta, Yellow, Black, White)
- EVF waveform (On, Off)
- EVF waveform size (Small, Large)
- Monitor waveform (On, Off)
- Monitor waveform size (Small, Large)

Color bars (On, Off)

SYSTEM

SENSOR

- Image sharpness set/active (0-5; 0)
- Image detail set/active (0-5; 0)
- Image denoising (Off, normal, strong)
- EXT sync (Off, EXT master, EXT slave)
- Genlock (Off, RET/SYNC IN, TC IN)
- Genlock shift (0.000 µs)
- Mirror image (Off, V, H, V+H)

USER PIXEL MASKING

- User pixel mask active (No, Yes)
- Install/Export/Delete user pixel mask
- Grab raw image

Fan mode (Regular, Rec low, Low noise)

POWER

- Bat in warning (9.0-36.0V; 22.0V)

SYSTEM TIME + DATE

set Year, Month, Day, Hour, Minute

- Timezone (info)
- Daylight saving time (info) (On, Off)

BUTTONS + DISPLAY

- Display style (Day, Night)
- Button brightness (1-3; 1)

NETWORK/WIFI

- WiFi power (On, Off)

WIFI PASSWORD

set password

- Wireless region setting (Europe, USA, Japan, South Korea, World)
- LAN IP mode (DHCP, Static)
- LAN static IP (192.168.000.100)
- LAN static subnet (255.255.255.000)

LICENSED FEATURES

manage licenses

CAMERA UPDATE

commit firmware update via SUP package on USB media

SETUP

SAVE CURRENT SETUP TO USB

save user setup to USB media

SAVE CURRENT SETUP AS DEFAULT

sets current settings as user defaults

LOAD SETUP FROM USB

load a setup file from USB media

LOAD DEFAULT SETUP

load user defaults

FACTORY RESET

reset camera to ARRI's default settings

USER BUTTONS

Button VF1/2 (Off, EVF+Mon. Zoom, EVF+Mon. Zoom pos., EVF+Mon. Frame Lines, EVF+Mon. Zebra/FC, EVF+Mon. Gamma, EVF+Mon. Surround, EVF+Mon. Peaking, EVF+Mon. Exp. Tool, EVF Status info, EVF Waveform, Monitor Waveform, Flip Monitor, SDI Frame lines, SDI Zebra/FC, SDI Gamma, SDI Surround, SDI Peaking, SDI Exp. Tool, SDI Status info, Auto WB, Check Last Clip, Color bar, EI In-/Decrease, Framegrab, Frame Line Color, ND In-/Decrease, Overlay Menu, Playback, Prerecording, Record Start/Stop, Stop motion trigger, WiFi power)

CAMERA USER BUTTONS 1-8

same options as VF1/2

WCU Button 1-4

same options as VF1/2

GPIO USER BUTTONS 1-9

same options as VF1/2

LENS RET

same options as VF1/2

METADATA

enter production metadata

Production

Production Company

Director

Cinematographer

Camera Operator

Location

Scene

Take

User info 1/2

Electronic Control System (ECS)

RADIO (On, Off)

- Channel (0-7; 4)
- Status *(info; Off, Initializing, Ready)*
- Connected devices *(number of connected devices)*
- Wireless region setting (Europe, USA, Japan, South Korea, World)

LENS DATA

view lens data/choose and manage set LDS tables

Calibrate all motors

LENS MOTORS

- Focus/Iris/Zoom motor torque (1-4; 3)
- Focus/Iris/Zoom motor direction (Left, Right)